

REMARKS

This Amendment responds to the office action mailed on October 6, 2003. A diligent effort has been made to respond to the objections and rejections contained in the office action, and reconsideration is respectfully requested in view of this Amendment.

A. Status of the Claims

Claims 1-4 and 6-8 have been cancelled. Claims 5 and 9-19 remain in the application.

In the office action the Examiner indicated that claims 5 and 9-19 were in condition for allowance but for the section 112 rejections.

B. Objections to the Claims

Claims 5, 9, 10, 11, 13 and 19 have been amended to overcome the section 112 objections/rejections raised in the office action. It is submitted that these amendments clarify the claims and resolve the section 112 issues/questions raised in the office action.

C. Specification/Drawings

The abstract was objected to as being too lengthy. A new abstract is submitted herewith.

Figures 1 and 2 were objected to because the multipliers 110-1...110-N in Figure 1 and 210-1...210-N were shown as adders and also because the shift register 101-N shown in Figure 2 was not printed. Both of these objections have been overcome with the replacement sheets submitted herewith. No new matter is added by these replacement sheets as the multipliers are properly identified in the specification, as is the shift register 101-N, which is the same shift register 101-N shown in Figure 1.

It is believed that all of the claims currently pending in this application are now in condition for allowance.

Respectfully submitted,

A handwritten signature in black ink, reading "David Cochran", with a long horizontal flourish extending to the right.

David B. Cochran
Reg. 39,142
Jones Day
North Point
901 Lakeside Ave.
Cleveland, Ohio 44114
(216) 586-7029